



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D2265

Job Sheet 213190



Part No: D2265

Job Qty: 4 pcs

Part Name: Step Bracket



Part Weight: 0 lbs

Job Created: 9/21/20

Due Date: 9/22/20

Type: Stock

Status: New

Job Tracking No:

Created By: Linda Lacelle

Description:

Priority: Medium

Note: URF 2020-562 DWG REV A IPP D 98.12.15 Added Dwg Rev DM

Ship Via:

POSITIVE RECALL

EFFECTIVE 20/09/20 AUTH S/L
RELEASED 9 DATE 20.9.20
9-89

for trail fit only.
OK per SP 20/10/15

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Lead Time	Sign-off
100	Purchasing	4 pcs		9/21/20	0.00	0.00	Purchasing - 1		we SEP 22 2020
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	4 pcs		9/21/20	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		we SEP 22 2020
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
							Packaging 2 - 27 - B4B		
							Packaging 2 - 28 - B4B		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S301882



Part: D2265

Job No: 213190

Serial No/Batch: S301882

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 09/22/20

Plex 9/21/20 10:16 AM dart.lacelle.linda

				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
				Packaging 2 - 37 - B4B	
120 QC 6	4 pcs	9/21/20	0.00 0.00	QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	DAS
				QC 6 - 40	81
				QC 6 - 81	9-89
				QC 6 - 82	
130 Small Fab - 2 - B4B	4 pcs	9/22/20	0.00 0.21	Small Fab - 1 - B4B	DAS
				Small Fab - 2 - B4B	58
				Small Fab - 3 - B4B	9-89
				Small Fab - 4 - B4B	
				Small Fab - 5 - B4B	
				Small Fab - 6 - B4B	
				Small Fab - 7 - B4B	
				Small Fab - 8 - B4B	
				Small Fab - 9 - B4B	
				Small Fab - Various 1 - B4B	
140 QC 5	4 pcs	9/22/20	0.00 0.00	QC 5 - 10	
				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	
				QC 5 - 30	
				QC 5 - 40	
				QC 5 - 61	
				QC 5 - 81	
				QC 5 - 82	
150 Packaging 3-1 - Stock - B4B	4 pcs	9/22/20	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	

SEP 28 2020

DAS
58
9-89 SEP 28 2020



DAS
9
9-89
20-9.29.

20-9.30

20-9.30

				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
160 QC 21 - SA	4 pcs	9/22/20	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	
				QC 21 - SA - 9	20-9-30
				QC 21 - SA - 77	20-9-30
				QC 21 - SA - 28	
Part Op 100 - (Purchasing) Issue P/O: <u>H8044740</u> Cast parts per drawing D2265 Supplier: Metallurgie Syca Material release Descriptions: note required 110 - (Receive & Inspect for Damage & Mat'l Certs) Ensure Material Release Note is attached 120 - (QC6- All purchased or subcontracted products) 130 - (Small Fab) Grind tips of castings as per Dwg D2265 140 - (QC5- Inspect part completeness to step on W/O) 150 - (Identify as per dwg & Stock Location: <u>51478</u>) 160 - (QC21- Final Inspection - Work Order Release)					
Job BOM					
Part / Item D2265P	Component Name Step Support Casting	Quantity 4 pcs (1 ea)	Operation 100-Purchasing	Container <u>S 301081</u>	
Job Allocations					
Operation 100-Purchasing	Component Part D2265P	Required 4	Inventory 0	Allocated 0	
Part Specifications					
Specifications could not be found.					

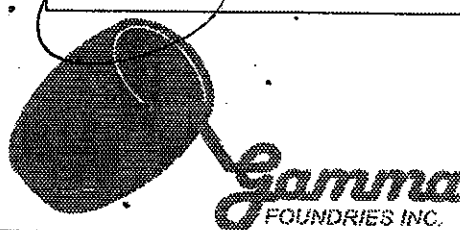
FRT: COLLECT

Packing Slip

VIA: FEDEX

CUSTOMER ORDER NO./NUMÉRO DE COMM. DU CLIENT
POHB046740ORDER NO./N° DE COMM.
726884DATE
15-Jul-2020F.O.B. / F.A.B.
GAMMA FOUNDRIES

Job:



GAMMA FOUNDRIES INC
115 NEWKIRK ROAD
RICHMOND HILL, ONTARIO
L4C 3G4
TEL: (905) 884-9091
FAX: (905) 780-9572

SOLD TO / VENDU À: 83509

DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY, ON
CANADA, K6A 1K7

SHIPPED TO / EXPÉDIÉ À:

DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY
ON ON K6A 1K7

ITEM NO. NO. D'ART	QTY OR / QTE QTE COMIDU	DESCRIPTION	PKG WEIGHT PAQUET POIS	QTY. ALLOCATED QTE A LOUER DE
10	8.00	ERD2265000 STEP SUPORT - D2265 CUSTOMER NAME - DART AEROSPACE CUSTOMER PART NR - D2265 DESCRIPTION - STEP SUPORT Alloy ID - A356.2 SPECS - ASTM B26 CASTING WGT - 1 LB DRW - D2265 Rev. - A		8.00
20	1.00	MTR001 TEST REPORT		1.00
30	1.00	NEW WOOD COREBOX PART#D2265		1.00
Order Notes: FEDEX A/C# 151793240				Total Weight: 10

RECEIVED

SEP 16 2020

DART AEROSPACE LTD.

2 Boxes

Fedex: 7715-3046-6632

CUSTOMER SIGNATURE/SIGNATURE DU CLIENT		SHIPPED VIA / EXPÉDÉ VIA: FEDEX	BAGS SACS	INTERNAL USE ONLY	
		DATE SHIPPED / DATE D'EXPÉDITION 15-Sep-2020	CTNS 2 CARTONS	SHPG. PAPERS ATT. / DOCUMENTS D'EXPÉD. ATT.	
PACKED BY / EMBALLÉ PAR	DATE	COMPLETE COMPLÉT	BOXES BOITES 9x9x7	ONE STEP BY	DATE
			TOTAL 10 lbs	TRANSPORTATION CHARGES / FRAIS DE TRANSPORT	

Tel: 905-884-9091

Fax: 905-884-2664

CERTIFICATE OF COMPLIANCE

We hereby certify that the above product was made per
your purchase order and the specification stated above.

This material is free of any mercury contamination.

Julio Saavedra, CMQ/OE

QC Supervisor

x

JOB ORDER PACKET - (BOM)

9/4/2020 10:48:25 AM

GAMMAFOUNDRIES
lantoniog

Page 13 of 14

JOB #**224695**PRODUCT**ER99SW2500**RELEASE DATE

04-Sep-2020

1 1/4" SR 90 Elbow ~ 99SW250

START DATE

03-Sep-2020

MATERIAL**C96200**CastingDUE DATE

05-Oct-2020

NOTESMTR REQUIRED AS PER PO #
9338CUSTOMER

REPUBLIC BRASS SALES

DWG NO

803-6397430

CUST ORDER 727133LINE #

0

REVISIONCOMMENTSQUANTITY:

100 Pcs.

WEIGHT / PC.

1.50

Op #BarcodeElementOperation / Material DescriptionCycles+10%B/CToolsSetupRun HrsStd**200**

020101

MATERIAL FROM INVENTORY

0.00

0.00

0.00

1.50

TCMEC96200

x

x



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200
Fax 613 632-5246

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
POHB047151	GAM001-VC	1	1	Net 30	D2265P	D2265 Sample pieces for testing and approval As per DWG Rev A				4	9/22/2020	4		S301881	Inactive	9/22/2020	\$ 15.09 / pcs	0		\$60.36	Gamma Foundries Inc.
		2				Sample Pieces for testing and approval as per DWG Rev A WITH HEAT TREAT					4		S301885	Inactive	9/22/2020	\$ 15.86 / pcs	0		\$63.44	Gamma Foundries Inc.	
		3				Build a new corebox which includes engineering time to scan, reverse engineer coreprint geomitry from the matchplate for signing the corebox Dart part # D2265				1		1		Inactive	9/22/2020	\$ 1575.00 / Ea	0		\$1,575.00	Gamma Foundries Inc.	
Total:										9		9								\$1,277.49	

Plex 9/22/2020 9:58 AM Dart.Charest.Martin



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB047151



Supplier: GAM001-VC
Gamma Foundries Inc.
115 Newkirk Road,
Richmond Hill
ON
L4C 3G4 Canada
Phone: 905-884-9091
Fax: 905-780-9572

Attention: Bunyan, Gary
905-884-9091 x 237

Ship To:

PO No: POHB047151
PO Date: 9/22/20
Due Date: 9/22/20
**Purchase Order
Revision:**
Revision Date:
Issued By: Lussier, Patrick
Phone: 613-632-5200 Ext: 276
plussier@dartaero.com

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items														
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	213190	D2265P	D2265 Rev A			D2265 Sample pieces for testing and approval As per DWG Rev A	Firmed X4	-	9/22/20	4 pcs	0 pcs	4 pcs	\$15.09/pcs	\$60.36
SEP 22 2020														
Line Item Note FAI Fee of 140 \$ Approvd														
2	213191	D2265P	D2265 Rev A			Sample Pieces for testing and approval as per DWG Rev A WITH HEAT TREAT	Firmed X4	-	9/22/20	4 pcs	0 pcs	4 pcs	\$15.86/pcs	\$63.44
SEP 22 2020														
3				D2265 MOLD		Build a new corebox which includes engineering time to scan, reverse engineer coreprint geomitry from the matchplate for signing the corebox Dart part # D2265	Firmed X1	71475-186-0000	9/22/20	1 Ea	0 Ea	1 Ea	\$1,575.00/Ea	\$1,575.00
SEP 22 2020														
Grand Total:														\$1,698.80

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

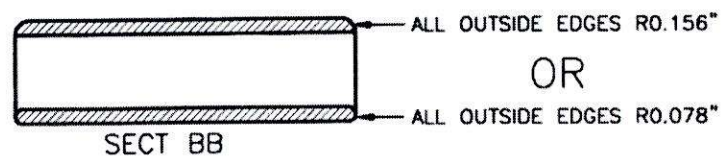
Job: <u>213190</u> Part No. <u>D2265</u>		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☒		DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Water Jet ☐ Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Supplier Quality ☒																															
Date : <u>SEP 28 2020</u>		Sequence #: <u>Seq. 120</u>		QTY Affected : <u>4 of 4 pcs.</u>		MRB (QSI042) DAS 9 9-89																													
Description Work Order Deviation Dimension 3.53" is 3.40" on parts. Dimension .31" is .355" on parts. Dimension 2.75" is 2.4375" on parts To be used for a trial fit. DAS 81 9-89				Disposition Acceptable. part will be use for trail fit DAS 51 9-89		Completed By SM 20/09/28 Lead hand / Supervisor DAS 9 9-89 20-9-29 QC / QA Coordinator DAS 9 9-89 20-9-29																													
Root Cause Operator ☐ Manufacturing Process ☒ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY <table border="0"> <tr> <td>☐ Pressure/Forced</td> <td>☐ Contamination</td> <td>☐ Power Loss/Surge</td> <td>☐ Positioned Wrong</td> </tr> <tr> <td>☐ Bending</td> <td>☐ Misaligned/off center</td> <td>☐ Folio/Program</td> <td>☒ Outside Tolerance</td> </tr> <tr> <td>☐ Crushing</td> <td>☐ BOM/Route</td> <td>☐ Grain Direction</td> <td>☐ Drawing</td> </tr> <tr> <td>☐ Cracks</td> <td>☐ Broken/Damage/Defect</td> <td>☐ Weld</td> <td>☐ Finish</td> </tr> <tr> <td>☐ Crimp/Kink/Ripple/Wave/Twist</td> <td>☐ Incomplete/Unclear Instructions</td> <td>☐ Wrong Stock Pulled</td> <td>☐ Part Lost/Missing</td> </tr> <tr> <td>☐ Marks/Chatter</td> <td>☐ Drill Holes</td> <td>☐ Out of Sequence</td> <td>☐ Misread</td> </tr> <tr> <td>☐ Mislabeled</td> <td>☐ Fit/Function</td> <td>☐ Off-set/Set-up</td> <td></td> </tr> </table>						☐ Pressure/Forced	☐ Contamination	☐ Power Loss/Surge	☐ Positioned Wrong	☐ Bending	☐ Misaligned/off center	☐ Folio/Program	☒ Outside Tolerance	☐ Crushing	☐ BOM/Route	☐ Grain Direction	☐ Drawing	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Finish	☐ Crimp/Kink/Ripple/Wave/Twist	☐ Incomplete/Unclear Instructions	☐ Wrong Stock Pulled	☐ Part Lost/Missing	☐ Marks/Chatter	☐ Drill Holes	☐ Out of Sequence	☐ Misread	☐ Mislabeled	☐ Fit/Function	☐ Off-set/Set-up	
☐ Pressure/Forced	☐ Contamination	☐ Power Loss/Surge	☐ Positioned Wrong																																
☐ Bending	☐ Misaligned/off center	☐ Folio/Program	☒ Outside Tolerance																																
☐ Crushing	☐ BOM/Route	☐ Grain Direction	☐ Drawing																																
☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Finish																																
☐ Crimp/Kink/Ripple/Wave/Twist	☐ Incomplete/Unclear Instructions	☐ Wrong Stock Pulled	☐ Part Lost/Missing																																
☐ Marks/Chatter	☐ Drill Holes	☐ Out of Sequence	☐ Misread																																
☐ Mislabeled	☐ Fit/Function	☐ Off-set/Set-up																																	
		Other/Details:																																	

DART

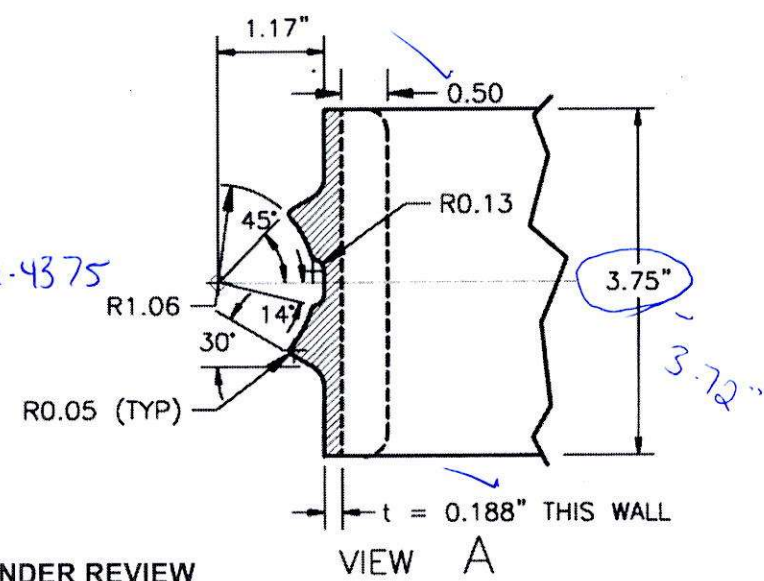
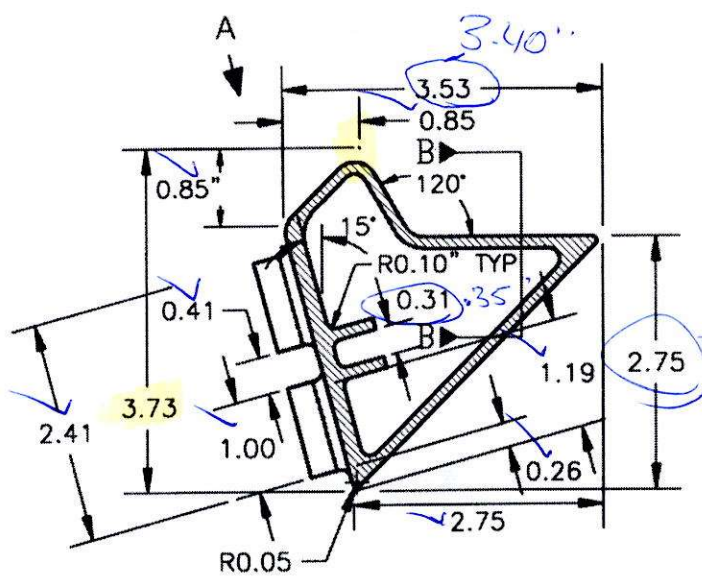


PREPARED	B. Williams	DART AERO ACCESSORIES INC
CHECKED	APPROVED	VICTORIA INTERNATIONAL AIRPORT, CANADA
DATE	TITLE	REV. A
Aug. 18, 1994	D2265	SHEET 1 OF 1
	STEP SUPPORT CASTING	SCALE
		1:2

RELEASED
96/05/27



UNDIMENSIONED OUTER RADII 0.375"
UNDIMENSIONED INNER RADII 0.25"
UNDIMENSIONED WALL THICKNESSES 5/32"
MATERIAL: CAST ALUMINUM
ALLOY A356.2 (F)



UNDER REVIEW
URF 20-562 20.05.27 (SAD)

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: <u>DZZ65 5</u> Part No. <u>Z13190</u>	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☒	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier Quality ☐		
Date: <u>20/10/15</u>	Sequence #: <u>100</u>	QTY Affected: <u>4</u>	MRB (QSI042) <u>INSP 12</u> <u>9/20/10/15</u>	
Description Work Order Deviation PARTS MADE BY NEW SUPPLIER WITH DART-PROVIDED CAD MODEL. ENG. DID FIT AND LOAD TEST TO VERIFY PARTS. 710 ^{1/2} APPLIED FOR 15 SECONDS (170 ^{1/2} X 2 PERSONS X 2 LOAD FACTOR = 680 ^{1/2}) AND 1035 ^{1/2} FOR 3 SECONDS (680 ^{1/2} X 1.5 SF = 1020 ^{1/2}). NO DEFORMATION OR FAILURE AFTER EITHER LOAD. PARTS ARE ASS6.2 (A) PER DWG.		Disposition Acceptable per DZZ65 Rev A SCRAP QTY(1) THAT WAS LOAD TESTED.		Completed By <u>9/20/10/15</u> Lead hand / Supervisor QC / QA Coordinator
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread		
Other/Details:				